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/ Louis F. Wagner /

Signature

Louis F. Wagner

Date

July 18, 2006

(type or print name of person certifying)

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: *Patricia A. Riley*

Examiner: *Unknown*

Serial #: *10/573,933*

Art Unit: *1616*

Filing Date: *03/30/2006*

Date: *July 18, 2006*

Title: *Lotus and methyl donors*

Mail Stop Amendment
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Transmitted herewith:

- 1) Information Disclosure Statement;
- 2) Forms PTO/SB/08A and PTO/SB/08B (Substitute for Form PTO-1449); and
- 3) Copy of non-patent literature references and foreign patent publications including English language abstract.

Respectfully submitted

Buckingham, Doolittle & Burroughs, LLP

/ Louis F. Wagner /

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant:	<i>Patricia A. Riley</i>	Examiner:	<i>Unknown</i>
Serial #:	<i>10/573,933</i>	Art Unit:	<i>1616</i>
Filing Date:	<i>03/30/2006</i>	Date:	<i>July 18, 2006</i>
Title:	<i>Lotus and methyl donors</i>		

Mail Stop Amendment
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Information Disclosure Statement

This Information Disclosure Statement is made: (1) within three months after the filing date of the application §1.97(b)(1); (2) within three months of the date of entry of the national stage as set forth in §1.491 in an international application §1.97(b)(2); (3) before the mailing date of a first Office action on the merits §1.97(b)(3); or (4) before the mailing of a first Office action after the filing of a request for continued examination under §1.97. Therefore, this statement is considered timely under 37 C.F.R. §1.97(b).

According to the terms of 37 C.F.R. §1.97(g), this Disclosure Statement shall not be construed as a representation that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(a) exists. While this Information Disclosure Statement may be "material" pursuant to 37 C.F.R. §1.56(b), it is not intended to constitute admission that any patent, publication or other information referred to therein is "material to patentability" under 37 C.F.R. §1.97(h) for this invention unless specifically designated.

In accordance with 37 C.F.R. §1.56, applicant wishes to call the attention of the Examiner to the following references, which were uncovered by the applicant. Forms PTO/SB/08A and PTO/SB/08B (formerly PTO-1449) are also submitted herewith. A copy of all non-patent literature references as well as all foreign patent publication references are included herewith, as well.

With respect to the Japanese foreign references, Applicant's attorney is submitting both an original Japanese copy of the patent as well as an English language abstract of the patent readily available from a commercial source. In light of the lack of foreign language capabilities possessed by the Applicant's attorney with respect to Japanese, it is not possible to make any assertions regarding the accuracy or correctness of the English abstract and the examiner is encouraged to consult with the Translations branch of the Office to verify the accuracy of the abstract.

U.S. Patent Documents

<i>Ref. #</i>	<i>Patent #</i>	<i>Inventor</i>	<i>Publication Date</i>
A	5,925,348	Riley et al.	July 20, 1999
	<i>Title</i>	METHODS UTILIZING COMPOSITIONS CONTAINING SACRED LOTUS (METHYLTRANSFERASE) TO TREAT AGING SKIN	
B	2002/0098253	Riley	July 25, 2002
	<i>Title</i>	ORAL COMPOSITIONS CONTAINING LOTUS	
C	6,468,564	Riley et al.	October 22, 2002
	<i>Title</i>	TOPICAL COMPOSITIONS CONTAINING LOTUS FOR SKIN TREATMENT	
D	6,602,526	Riley	August 5, 2003
	<i>Title</i>	ORAL COMPOSITIONS CONTAINING LOTUS	

Foreign Patent Documents

<i>Ref. #</i>	<i>Patent #</i>	<i>Inventor</i>	<i>Publication Date</i>
E	JP1090129	Kasama Toshio, et al.	April 6, 1989
	<i>Title</i>	PHARMACEUTICAL COMPOSITION CONTAINING EXTRACT OF LOTUS EMBRYO	
F	JP3190809	Miyahara Reiji, et al.	August 20, 1991
	<i>Title</i>	SKIN EXTERNAL PREPARATION	
G	JP4247012	Nakamura Masami	September 3, 1992
	<i>Title</i>	COSMETIC	
H	JP11071234	Yamaha Hiroyuki, et al.	March 16, 1999
	<i>Title</i>	SKIN PREPARATION FOR EXTERNAL USE	

Other Documents

Ref. #	Source	Title	Date
I	N/A	The New Britton and Brown Illustrated Flora of the Northeastern United States and Adjacent Canada	1963
J	Proc. National Academy of Science USA, Vol. 79	Methylation at D-aspartyl Residues in Erythrocytes: Possible Step in the Repair of Aged Membrane Proteins	April 1982
K	Chem. Pharm. Bull. 32(2)	Comparative Effects of Crude Drugs on Serum Lipids	1984
L	Mechanisms of Ageing and Development, 34	Protein Carboxyl Methyltransferase and Methyl Acceptor Proteins in Aging and Cataractous Tissue of the Human Eye Lens	1986
M	Cosmetics & Toiletries, Vol. 107	Skin Constituents as Cosmetic Ingredients	November 1992
N	N/A	Potential Reversal of Chronological and Photo-Aging of the Skin by Topical Application of Natural Substances	1993
O	Biochemistry 32	Characterization of Plant L-Isoaspartyl Methyltransferases That May be Involved in Seed Survival: Purification, Cloning, and Sequence Analysis of the Wheat Germ Enzyme	1993
P	Journal of Cellular Biochemistry	Post-Translational Errors in Aging	April 1993

Ref. #	Source	Title	Date
Q	Journal of Neurochemistry	Tissue-Specific Expression of Isoaspartyl Protein Carboxyl Methyltransferase Gene in Rat Brain and Testis	1994
R	Cosmetics & Toiletries Magazine, Vol. 109	Advances in Cosmetic Science and Technology: II. Topical Bioactive Materials	September 1994
S	Protein Expression and Purification 6	Expression and Purification of a Human Recombinant Methyltransferase that Repairs Damaged Proteins	1995
T	Indian Journal of Pharmacology	Antidiarrhoeal Evaluation of Nelumbo Nucifera Rhizome Extract	1995
U	American Journal of Botany 82(11)	Exceptional Seed Longevity and Robust Growth: Ancient Sacred Lotus from China	November 1995
V	American Journal of Botany 89(2)	Long-Living Lotus: Germination and Soil γ -Irradiation of Centuries-old Fruits, and Cultivation, Growth, and Phenotypic Abnormalities of Offspring	2002

Presentation at National Meetings

No presentations at national meetings are known by the applicant at this time.

Presentations at Invited Seminars

No presentations at Invited Seminars are known by the applicant at this time.

Best Information Available

This Information Disclosure Statement is based upon the information contained in the undersigned attorney's file as of the filing date of this statement and is inclusive of the best information known to the undersigned at that date. Consideration of the foregoing in relation to this application is respectfully requested.

The Commissioner is hereby authorized to charge any additional fees that are required to effect the filing of this Information Disclosure Statement to Account No. 50-0983. A duplicate copy of this sheet is attached.

Respectfully Submitted,
Buckingham, Doolittle & Burroughs, LLP

/ Louis F. Wagner /

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Attorney Docket # 61284.006

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/573,933
Filing Date	March 30, 2006
First Named Inventor	Patricia Riley
Art Unit	1616
Examiner Name	Unknown
Attorney Docket Number	61284.0006

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	E	JP1090129	04-06-1989	Kasama Toshio, et al		
	F	JP3190809	08-20-1991	Miyahara Reiji, et al.		
	G	JP4247012	09-03-1992	Nakamura Masami		
	H	JP11071234	03-16-1999	Yamaha Hiroyuki		

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/573,933
		Filing Date	March 30, 2006
		First Named Inventor	Patricia Riley
		Art Unit	1616
		Examiner Name	Unknown
Sheet 1	of 2	Attorney Docket Number	61284.0006

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	I	HENRY A. GLEASON, Ph.D., The New Britton and Brown Illustrated Flora of the NE US and Adjacent Canada, 1963, 387 & 398, Hapner Publishing Company, NY	
	J	PHILIP N. MCFADDEN et al., Proc. National Academy of Science USA, Methylation at D-aspartyl Residues in Erythrocytes: Possible Step in the Repair of Aged Membrane Proteins, April 1982, 2460-2464, V. 79	
	K	EIKO ONISHI et al., Chem. Pharm. Bull., Comparative Effects of Crude Drugs on Serum Lipids, 1984, 646-650, V. 32	
	L	PHILIP N. MCFADDEN et al., Mechanisms of Ageing and Development, Protein Carboxyl Methyltransferase and Methyl Acceptor Proteins in Aging and Cataractous Tissue of the Human Eye Lens, 1986, 91-105, V. 34	
	M	MARTIN RIEGER, Ph.D, Cosmetics & Toiletries, Skin Constituents as Cosmetic Ingredients, Nov. 1992, 85-94, V. 107	
	N	IVAN E. DANHOF, Potential Reversal of Chronological and Photo-Aging of the Skin by Topical Application of Natural Substances, 1993, S53-S56	
	O	MARY BETH MUDGETT et al., Biochemistry, Characterization of Plant L-Isoaspartyl Methyltransferases That May be Involved in Seed Survival: Purification, Cloning, and Sequence Analysis of the Wheat Germ Enzyme, 1993, 11100-11111, V. 32	
	P	STEVEN CLARKE et al., Journal of Cellular Biochemistry, Post-Translational Errors in Aging, 145, April 1993, Supp 17D	
	Q	MUTSUHIKO MIZOBUCHI et al., Journal of Neurochemistry, Tissue-Specific Expression of Isoaspartyl Protein Carboxyl Methyltransferase Gene in Rat Brain and Testis, 322-328, 1994	
	R	CHARLES FOX, Cosmetics & Toiletries Magazine, Advances in Cosmetic Science and Technology: II. Topical Bioactive Materials, 83-114, Sep. 1994, V. 109	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 10/573,933

Filing Date March 30, 2006

First Named Inventor Patricia Riley

Art Unit 1616

Examiner Name Unknown

Attorney Docket Number 61284.0006

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	S	DUNCAN C MACLAREN et al, Protein Expression & Purification, Expression & Purification of a Human Recombinant Methyltransferase that Repairs Damaged Proteins, 99-108, 1995, v6	
	T	PULOK K MUKHERJEE et al., Indian Journal of Pharmacology, Antidiarrhoeal Evaluation of Nelumbo Nucifera Rhizome Extract, 262-264, 1995	
	U	J SHEN-MILLER et al., American Journal of Botany, Exceptional Seed Longevity and Robust Growth: Ancient Sacred Lotus from China, 1367-1380, Nov 1995, v82(11)	
	V	J SHEN-MILLER et al., American Journal of Botany, Long-Living Lotus: Germination and Soil Y-Irradiation of Centuries-old Fruits, and Cultivation, Growth, and Phenotypic Abnormalities of Offspring, 236-247, 2002, v89(2)	

Examiner Signature	Date Considered
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